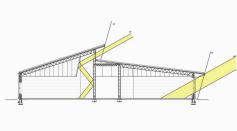


**Athens-Chilesburg Elementary** 

# HOLISTIC APPROACH DAYLIGHTING













**Athens-Chilesburg Elementary** 

- Ancient ways of building
- Not new trendy approach
- Integration of environment + technology

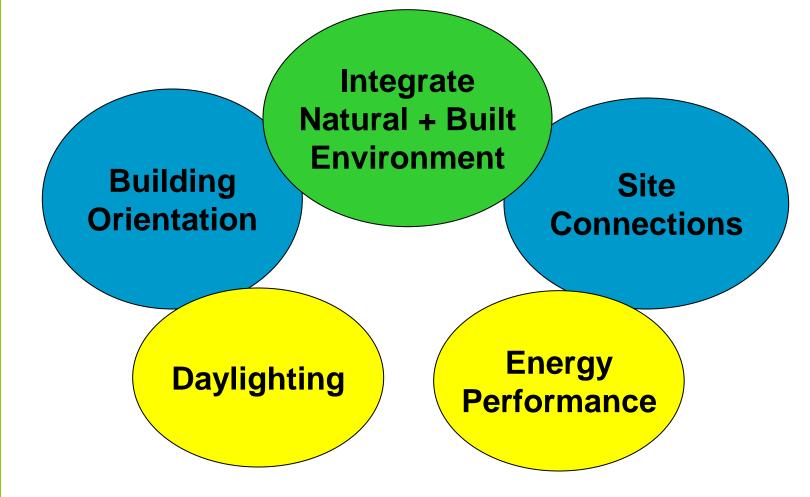


**Athens-Chilesburg Elementary** 

- Optimize the combined impact of all design elements
- Optimize to achieve long term value and performance
- Create an enduring asset to the community



**Athens-Chilesburg Elementary** 





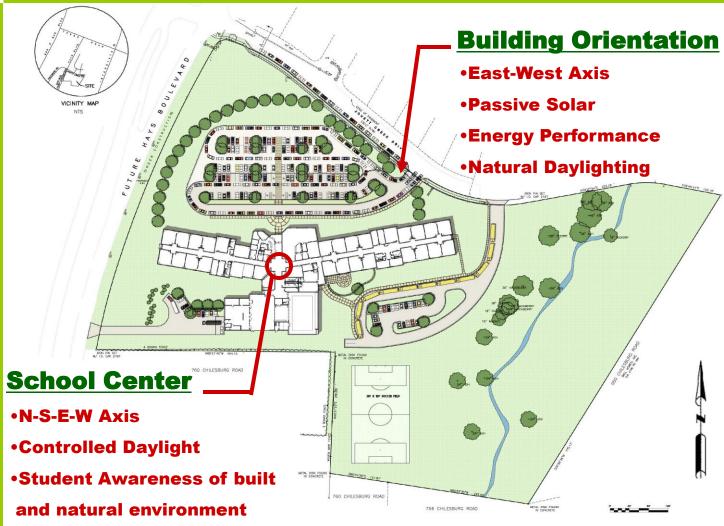
**Athens-Chilesburg Elementary** 



Neighborhood Connections



**Athens-Chilesburg Elementary** 



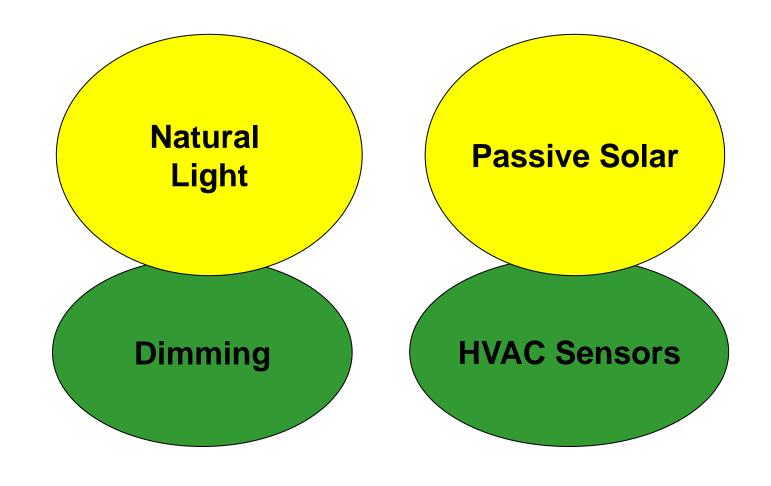


**Athens-Chilesburg Elementary** 



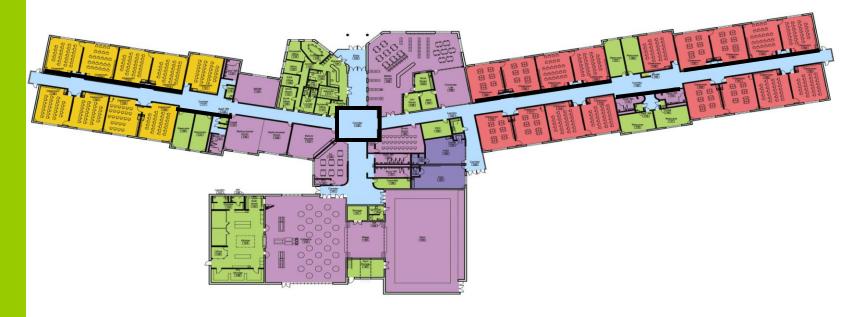


**Athens-Chilesburg Elementary** 





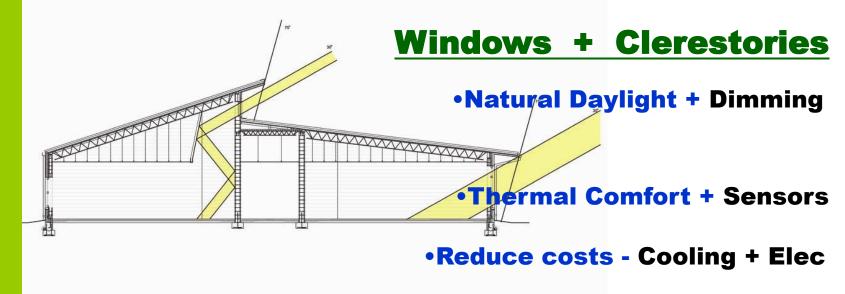
**Athens-Chilesburg Elementary** 



- Classroom Windows: 84 SF = 10.5% Total Floor Area
- Classroom + Commons Clerestories
- Cupola at school center
- Controlled Entry: Deep Roof Overhangs



**Athens-Chilesburg Elementary** 





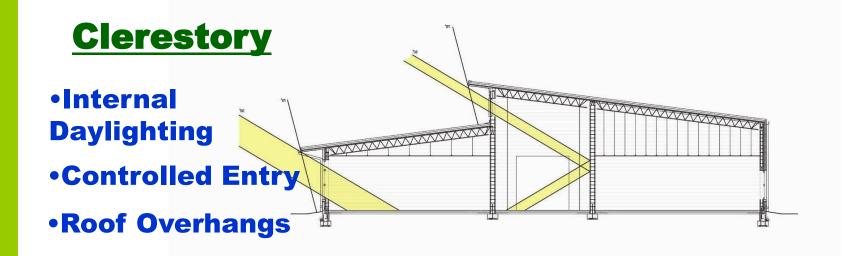








**Athens-Chilesburg Elementary** 













**Athens-Chilesburg Elementary** 

- Life-Cycle Costing
- Lower energy costs

- Buildings that accommodate the future
- Wise use of Natural Resources
- Increase student awareness of environment
- Healthy + Productive Environment for Students